

Hurricane Katrina Data Download Tutorial: Hazards Data Delivery System (HDDS)

There are currently two methods to download individual (tiled) data/imagery from the Hazards Data Delivery System (HDDS)

- **FTP Access**
- **Tiled Data Delivery Capability**

Additionally there are two methods to download seamless data from HDDS.

- **Define area by rectangle on map interface**
- **Define area by coordinates**

FTP Access:

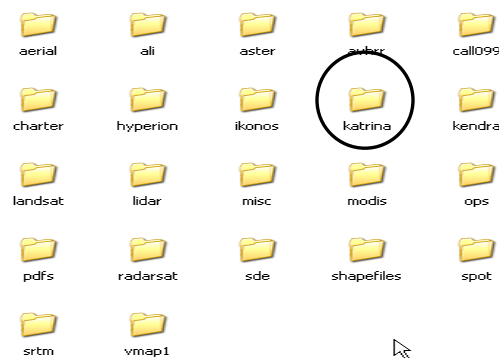
1. At http://gisdata.usgs.gov/website/disaster_response, click on **Katrina** button
2. Click on Interactive Viewer –



3. Once the map loads, Click **FTP button** on left side of the map under **Tools**. A new screen will appear with a list of folders.



Click on the Katrina folder.



Once in the Katrina folder, the data is arranged by dataset. Click on the desired folder and **copy** data to desired location.

Direct link to FTP access site – <ftp://edcftp.cr.usgs.gov/pub/data/disaster/katrina>

Tiled Data Delivery Capability:

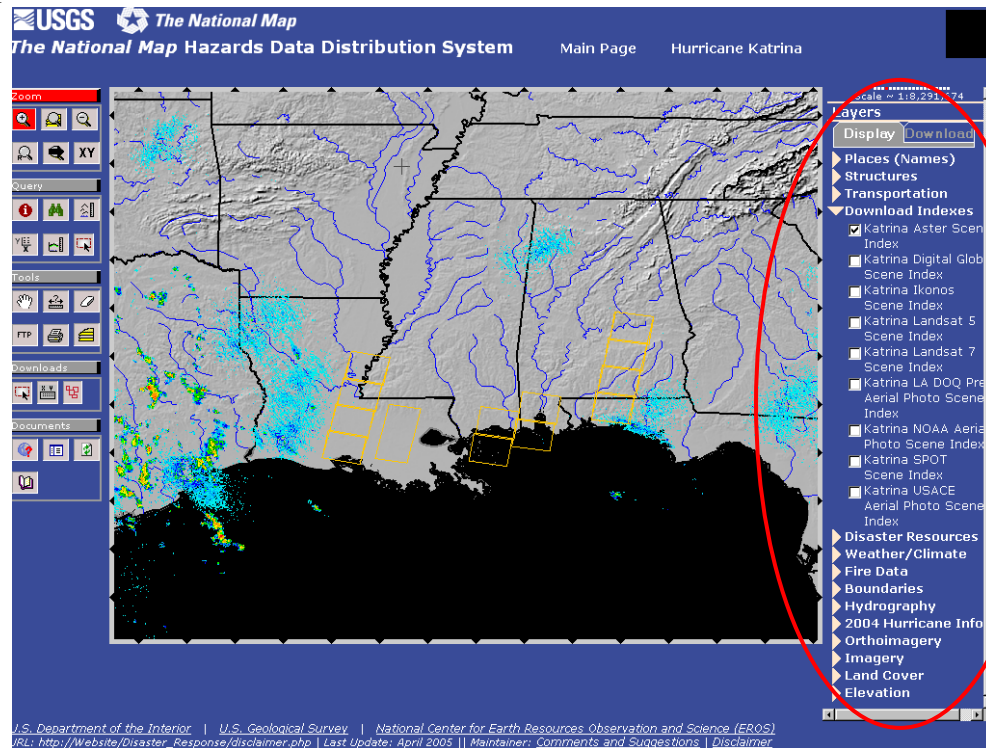
The Tiled Data Delivery Capability allows a user to select specific (tiled) data/imagery by using indexes and the Tile Selection button. The user can select a layer (i.e. Katrina Aster Scene Index) to see the coverage area, and then use the Tile Selection button to select the data/imagery and draw/define a box area on the map interface. This will retrieve the images within or touching the user defined box. The data can then be downloaded.

1. At http://gisdata.usgs.gov/website/disaster_response click on Katrina button

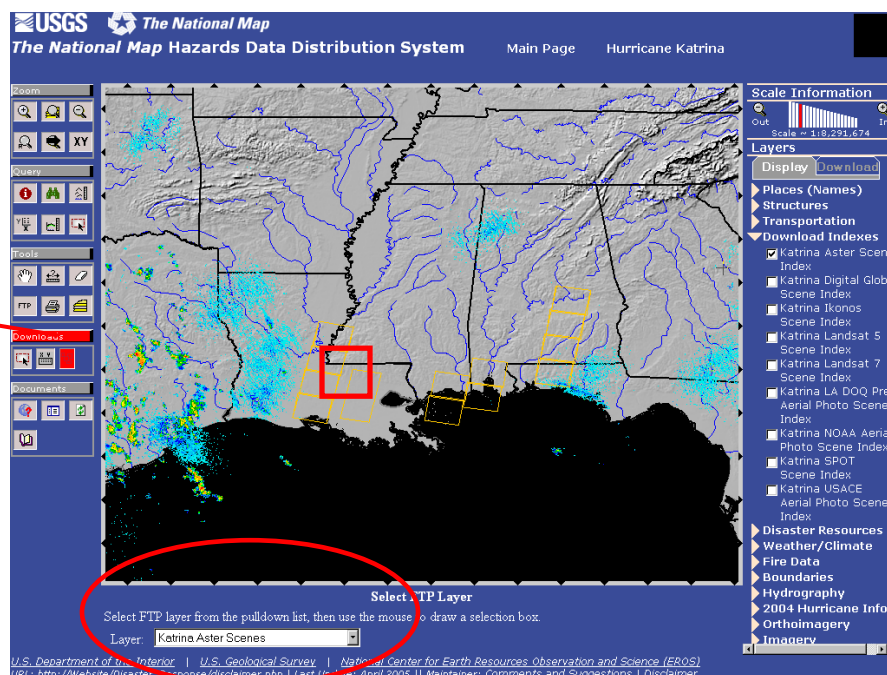
2. Click on Interactive Viewer –




3. Click on the arrow next to the 'Download Indexes' category under the Display tab on the right side of the map. Click on the desired data index(s) to display the coverage on the map.



Tile Selection button



5. Once the box is drawn a new window will display a list of available data. **Click** on the desired result/image and download/save to computer.





Katrina Aster Scenes

[Close Window](#)

	Top	Bottom	Left	Right
katrina_090405_4scene_mosaic.tar.gz	No Browse			
AST_L1BE00309042005170659000000000.tar.gz	No Browse			
AST_L1BE00309042005170659000000000.tar.gz	No Browse			
AST_L1BE00309042005170708000000000.tar.gz	No Browse			
katrina_083005_2scene_mosaic.tar.gz	No Browse			

[Close Window](#)

[Accessibility](#) | [FOIA](#) | [Privacy](#) | [Policies and Notices](#)
 U.S. Department of the Interior | U.S. Geological Survey
 URL: <http://eros.usgs.gov/Katrina.html>
 Page Contact Information: erosweb@usgs.gov
 Page Last Modified: September 9, 2005

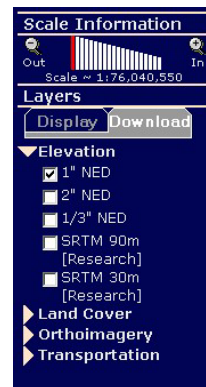
Note: Browse images and corner coordinates will be coming soon.

Seamless Data – Hazards Data Distribution System:

1. At http://gisdata.usgs.gov/website/disaster_response click on Katrina button
2. Click on Interactive Viewer –



3. Zoom into the area of interest and select the desired seamless data to download. On the right side of the map, click the **Download Tab**. Click on the **arrow** next the desired category. A list will display of **available data**. Click the **box beside the product**. This will flag the system that **National Elevation Dataset (NED) 1 arc second data** will be downloaded.



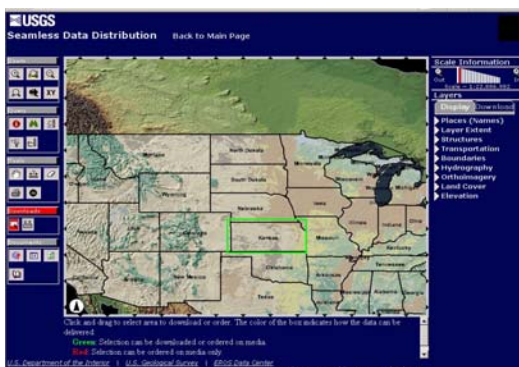
Download Tools to Define Area



1. **Download** tools are used to mark the area of interest and submit the information to the system to extract.

2. The **first button is Select By Rectangle**. Click on button. Next using the mouse, click and drag a box over the area of interest. The outline box will appear green as it is drawn. Releasing the mouse will start the processing page. There is a limit to the size of area that can be downloaded at a time. The type of product and the more products selected, the smaller the area that can be selected. The limit is reached when the outline box turns red. A message will display that the limit has been reached and to redefine the area. Below are two examples of size limits of products:

Example Illustrating
NED 1 arc second



(Green box around the state of Kansas)

Example Illustrating
High Resolution Orthoimagery



(Green box around Washington DC area)

3. The **second button is Define Area By Coordinates**. Click on button and a separate window will appear. **Enter coordinates and click OK**, then the processing page will start.

4. The processing page will compile the area and product selected, as well as calculate a size estimate for downloading. Once the processing page is complete, the **SDDS Request Summary** page will display the results.

SDDS Request Summary Page

1. The **SDDS Request Summary** page contains:

- **List of product (s) selected** – The list contains the product (s) selected, a thumbnail of the product, coordinates of the download piece, estimated size of the download pieces, data host name, and download button.

USGS
Seamless Data Distribution System
SDDS Request Summary Page

Explanation of Product | Modify Data Request | HELP!

Data Extraction Request Pieces:			
Area	Output Parameters	Size (MB)	Download Links
National Elevation Dataset (NED) 1 Arc Second			
(WGS 84) N: 46.59287 W: -122.6341 E: 45.88057 E: -121.70316	Output Format: ArcGRID NAD 83 Geographic % cell Size: 00.00028 Degrees Y cell Size: 00.00028 Degrees	35	 EROS Data Center Download
National Land Cover Dataset 1992 - Land Cover			
(WGS 84) N: 46.59287 W: -122.6341 E: 45.88057 E: -121.70316	Output Format: GeoTIFF NAD 83 Geographic % cell Size: 00.00028 Degrees Y cell Size: 00.00028 Degrees	9	 EROS Data Center Download

U.S. Department of the Interior || U.S. Geological Survey || EROS Data Center
URL: <http://edcw2k23.cr.usgs.gov/Webdata/distreq/RequestSummary.jsp>
Maintainer: secdm@usgs.gov || [Comments and Suggestions](#)
Last Modified: Mon 20 September 2004

- **Link to different download options -- Modify Data Request** allows a user to change the defaults for the download product. Modifications can be made to Data Format, Archive Format, and Metadata Format. Products can be checked or unchecked.

USGS
Seamless Data Distribution System
SDDS Request Options Page

Order Options:
Output Coordinate System:

Requested Product(s):	Data Format:	Archive Format:	Metadata Format:
<input type="checkbox"/> Landsat Mosaic	Not selected.		
<input type="checkbox"/> NASA LPDAAC MOD13A2	Not selected.		
<input type="checkbox"/> SRTM 90m - Shuttle Radar Topography Mission [Research]	Not selected.		
<input type="checkbox"/> SRTM 30m - Shuttle Radar Topography Mission [Research]	Not selected.		
<input checked="" type="checkbox"/> National Elevation Dataset (NED) 1 Arc Second	ArcGRID	ZIP	HTML
<input checked="" type="checkbox"/> National Land Cover Dataset 1992 - Land Cover	GeoTIFF	ZIP	HTML
<input type="checkbox"/> Bureau of Transportation Statistics (BTS) Roads	Not selected.		
<input type="checkbox"/> National Elevation Dataset (NED) 1/3 Arc Second	Not selected.		
<input type="checkbox"/> MODIS NDVI	Not selected.		

Delivery Options:
Order this request on Media?
Maximum size (MB) per piece:

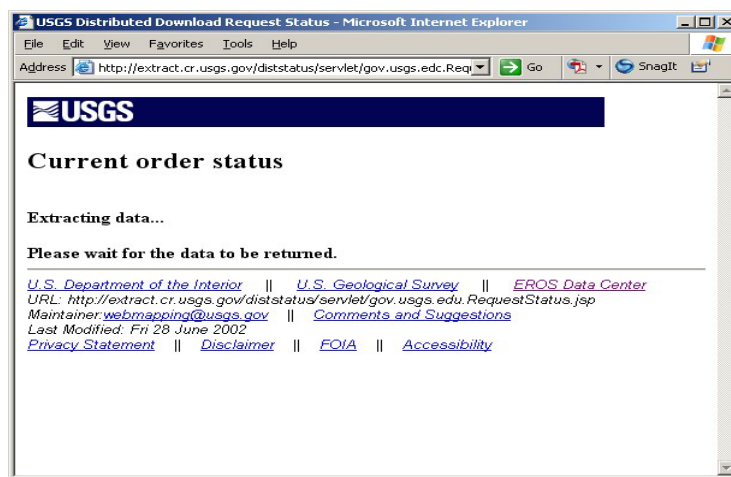
[Cancel All Changes & Return to Summary](#) [Save Changes & Return to Summary](#)

- **HELP** – Information about SDDS Request Summary page and Modify Data Request.

Note: *The SDDS Request Summary page can be bookmarked to save and return to at a later time.*

Downloading

1. Click the download button from the SDDS Request Summary list. **Current Order Status page will appear**, providing messages of the progress of the extraction. A request is made to the product database to extract the defined area and product. The extraction progress is displayed in the popup window.



2. Once '**Raster Extraction Complete**' is displayed, a **SAVE** option will appear. The random numbered zip file can be saved to the computer hard drive.



4. Unzip the file and it is ready for use.